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The University of Kansas

Overview

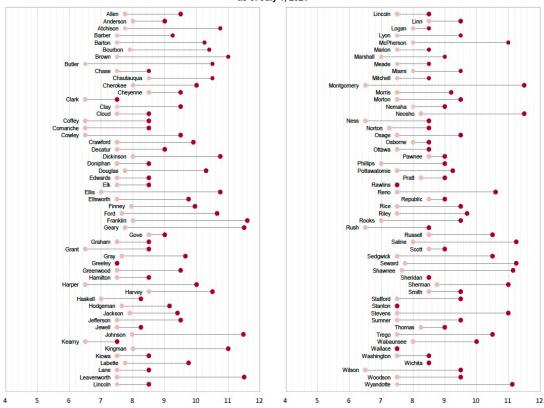
- We provide new data on sales taxes and sales tax incidence across the state.
- Use hypothetical taxpayers to demonstrate sales tax incidence.
- Discuss the Governor's Axe the Food Tax proposal.





Range of Sales Tax Rates by County



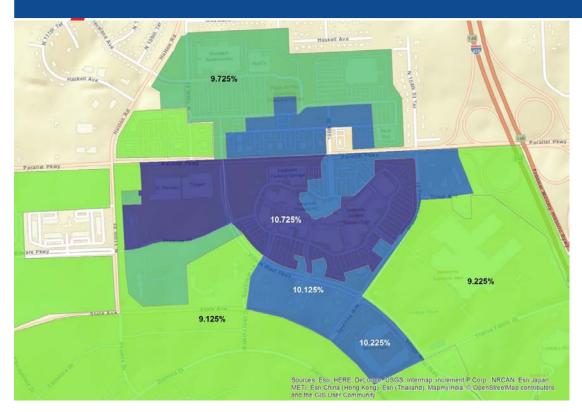


- Most counties and municipalities charge extra sales taxes in addition to the state sales tax.
- In some counties the maximum sales tax rate is greater than 10%.
- Johnson County has over 80 different sales taxes depending on location.



Source: Institute for Policy & Social Research, The University of Kansas; data from Kansas Department of Revenue.

Range of Sales Tax Rates at the Legends



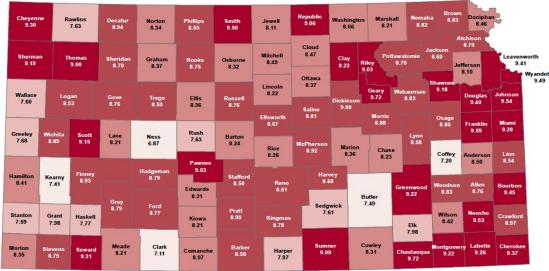
- Walmart sales tax 9.73%
- Nebraska Furniture Mart 9.23%
- Target 10.73%



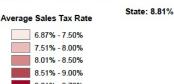


Ratio of Sales Taxes Paid to Taxable Sales

Average Sales Tax Rate in Kansas, by County, 2020



Source: Institute for Policy & Social Research, The University of Kansas; calculated based on data from Kansas Department of Revenue.



- In the state, the ratio of sales taxes paid to taxable sales is 8.81%.
- In 25 counties, effective sales tax rates are over 9%.
- Local sales taxes have been adopted as an alternative to higher property taxes.





Hypothetical Taxpayers

- We will compare taxpayers across income, filing status, and location.
- This approach will demonstrate tax incidence and tax fairness for:
 - Sales
 - Income
 - Property & Motor Vehicles
- The approach can also be used to "personalize" the repercussions of proposed changes in Kansas taxes.

Hypothetical Taxpayer Characteristics

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Taxpaye <mark>r t</mark> ype	Household	Income	Spending on	Spending on
	size	level (\$)	food	other taxable
_			(at home)	goods and
				services
Single- 0 dependents	1	25,000	1,961	11,237
Single- 0 dependents	1	45,000	1,771	13,636
Single- 0 dependents	1	80,000	1,831	18,541
Single- 0 dependents	1	100,000	2,073	22,517
Married- 0 dependents	2	25,000	3,609	14,612
Married- 0 dependents	2	45,000	3,500	17,830
Married- 0 dependents	2	80,000	3,566	21,710
Married- 0 dependents	2	100,000	4,085	25,932
Married- 0 dependents	2	150,000	4,799	34,217
Married- 2 dependents	4	25,000	7,205	14,556
Married- 2 dependents	4	45,000	7,013	17,545
Married- 2 dependents	4	80,000	7,062	24,949
Married- 2 dependents	4	100,000	8,136	29,013
Married- 2 dependents	4	150,000	9,517	36,545

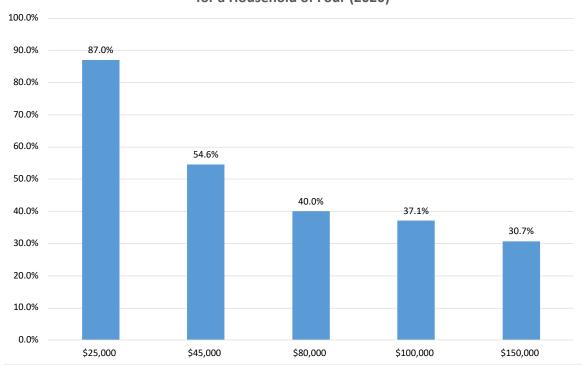
- We constructed 14 hypothetical households to represent a range of income and family characteristics.
- We matched their income to the Survey of Consumer Expenditures 2020 to get calculate the incidence of sales taxes.
- Focus on the state sales tax of 6.5%





Hypothetical Taxpayer Sales Tax Incidence— 4 Person Household



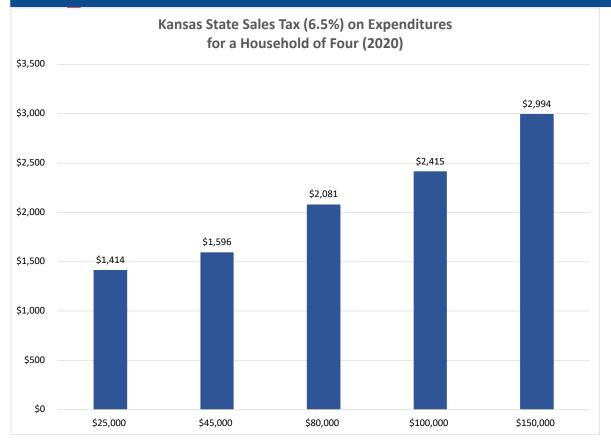


- A four-person household earning \$25,000 per year spends 87% of its income.
 - Pays taxes on 87% of what it spends.
- A four-person household earning \$100,000 spends only 37% of its total income.
- Sales taxes are regressive.





Hypothetical Taxpayer Sales Tax Incidence— 4 Person Household



- A four-person household earning \$150,000 pays higher taxes because they have more disposable income.
- A four-person household earning \$150,000 spends only 2% of its total income.
- A four-person household earning \$25,000 spends only 5.6% of its total income.
 - That's a rate that's almost 3 times higher than high income families.



Donna K. Ginther, PhD

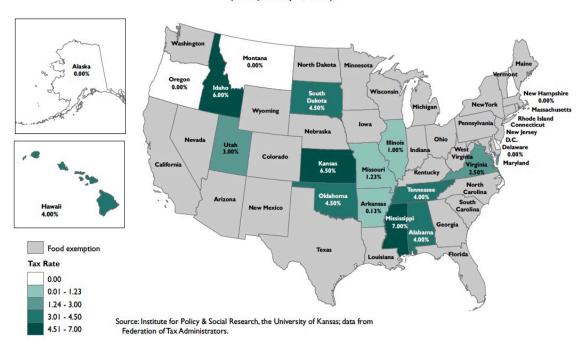
Axe the Food Tax

What is the impact of the eliminating the state's food sales tax?



Kansas is one of a handful of states that taxes food

State Sales Tax Rates on Food in the United States, by State (as of January 1, 2021)

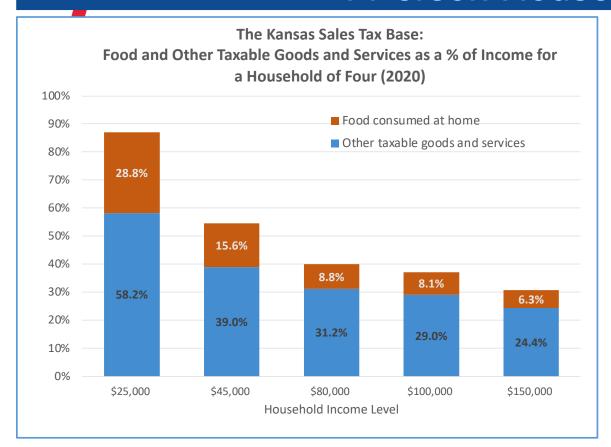


- 12 states besides Kansas tax food.
- Only Mississippi taxes food at a higher rate than Kansas.
- Six states (including Missouri) that totally or partially exempt food from the state sales tax, allow for local sales taxes on food.





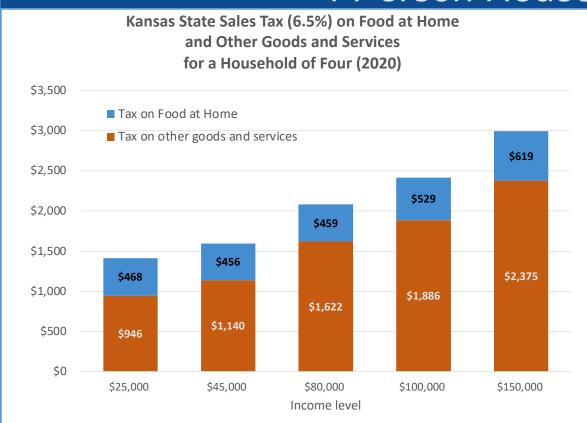
Hypothetical Taxpayer Food Sales Tax Incidence— 4 Person Household



- A four-person household earning \$25,000 per year spends 29% of its income on food.
- A four-person household earning \$150,000 spends only 6% of its total income.



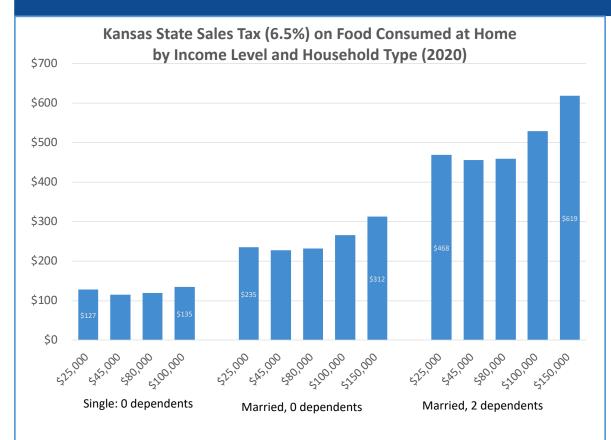
Hypothetical Taxpayer Sales Taxes Paid— 4 Person Household



- A four-person household earning \$150,000 pays \$619 per year in grocery sales taxes.
 - .4% of income spent on grocery sales taxes.
- A four-person household earning \$25,000 spends \$468 per year in grocery sales taxes.
 - 1.9% of income spent on grocery taxes.
 - That's a rate that's almost 4.75 times higher than high income families.



Hypothetical Taxpayers Food Sales Taxes



- Food expenditures vary both by income and household size.
- More people eat more food.
- Higher income households spend more on food.
- To calculate food tax savings:
 Weekly grocery bill x .065 x 52
- \$150 x .065 x 52 = \$507 in annual savings.



Taxing Food Places an Undue Burden on Low-Income Families

- Dr. Kegan O'Connor, Financial Economist at Kansas
 Department of Revenue studied the impact of food sales taxes
 on food insecurity for his KU dissertation.
- Food insecurity: households are food insecure if they answered yes to one of two questions:
 - Low Food Security: reports of reduced quality, variety, or desirability of diet. Little or no indication of reduced food intake.
 - Very Low Food Security: reports of multiple indications of disrupted eating patterns and reduced food intake.





Food Taxes and Food Insecurity

- O'Connor's results show that states that reduced the food sales tax experienced a 39% decline in food insecurity.
- The Wayfair Decision, coupled with closing the Marketplace Facilitator's loophole in SB-50, broadened the sales tax base significantly in Kansas.
- This provides the opportunity to potentially reduce or eliminate the most regressive tax in the state, the grocery sales tax.

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Thank You!



